

AMENDMENTS TO THE CLAIMS

Listing of Claims

1. (Currently Amended) A method comprising:
providing information relating to a business application in a server system,
comprising
receiving a request, wherein
the request is configured to cause the business application to
execute a command of the business application,
the command is represented by a command block,
the request comprises an indication of a user interface element to
be returned,
the user interface element is represented by the command
block,
the command **block** is ~~configured to be~~ defined by a data structure
comprising
an execute element,
a command element, and
an argument element, and
the command element represents a predefined query;
generating a data element by ~~executing~~ **causing the business application**
to execute the command ~~of the business application;~~
generating the user interface element, wherein
the user interface element ~~comprises a configurable subset of the~~
data, and is configured according to the argument
element; and
sending a response comprising the user interface element and the data
element.

2. (Previously Presented) The method of claim 1 wherein the argument element indicates a type of user interface element to return.
3. (Previously Presented) The method of claim 1 wherein the argument element indicates a type of user interface element to not return.
4. (Original) The method of claim 3 wherein the type of user interface element not to return is navigation data.
5. (Previously Presented) The method of claim 1 wherein the argument element comprises an "SWEDataOnly" argument.
6. (Previously Presented) The method of claim 1 wherein the argument element comprises an "SWEApplet" argument.
7. (Previously Presented) The method of claim 1 further comprising:
receiving a list of predefined queries in response to the request, wherein
the list of predefined queries comprises the predefined query.
8. **(Currently Amended)** A method in a server system for providing information relating to a business application, the method comprising:
providing transforms for transforming output of the business application, each transform having a name;
receiving a request to ~~execute a command of a business application~~ cause a business application to execute a command, wherein
the command is represented by a command block,
the request comprises an indication of a user interface element to be returned,
the user interface element is represented by the command block,
the request is received from a client system,
the command **block** is ~~configured to be~~ defined by a data structure comprising

an execute element,
 a command element, and
 an argument element,
 the command element represents a predefined query, and
 the argument element optionally indicates the name of a transform to be
 applied to the output of the business application;
 generating a data element by ~~executing~~ **causing the business application to**
execute the command ~~of the business application;~~ ;
 generating ~~a generated output from a configurable subset of the data~~ **the user**
interface element, wherein
the user interface element is configured according to the argument
element;
generating a generated output comprising the data element and the user
interface element;
 when the argument element indicates the name of the transform,
 generating a transformed output by applying the transform to the
 generated output, and
 sending the transformed output to the client system; and
 otherwise, sending the generated output to the client system.

9. (Cancelled)

10. (Previously Presented) The method of claim 8 wherein the request comprises an "SWESheet" argument.

11. **(Currently Amended)** A method in a server system for providing
 information relating to a business application, the method comprising:
 providing a default format for output of the business application;
 receiving a request to ~~execute a command of a business application,~~ **cause a**
business application to execute a command, wherein
the command is represented by a command block,

the request comprises an indication of a user interface element to be returned,
the user interface element is represented by the command block,
 the request is received from a client system,
 the command block is ~~configured to be~~ defined by a data structure comprising
 an execute element,
 a command element, and
 an argument element,
 the command element represents a predefined query, and
 the argument element optionally indicates a user agent format or a client-specified format for the output of the business application;
 selecting a format giving preference in the following order: the client-specified format, the user-agent format, and the default format;
 generating a data element by ~~executing~~ causing the business application to execute the command ~~of the business application, ;~~
 generating ~~a generated output from a configurable subset of the data~~ the user interface element, wherein
the user interface element is configured according to the argument element;
generating a generated output comprising the data element and the user interface element; and
 sending the generated output in the selected format to the client system.

12. (Original) The method of claim 11 wherein the user-agent format is selected over the default format in accordance with a predefined preference of formats.

13. (Original) The method of claim 11 wherein the user-agent format is based on type of user agent specified in the request.

14. (Original) The method of claim 13 wherein the type of user agent specifies a type of browser.

15. (Original) The method of claim 11 wherein the formats are a markup language.
16. (Original) The method of claim 15 wherein one of the formats is HTML.
17. (Original) The method of claim 15 wherein one of the formats is XML.
18. (Original) The method of claim 15 wherein one of the formats is WML.
19. (Previously Presented) The method of claim 11 wherein the request comprises an "SWESetMarkup" argument that specifies the client-specified format.
20. **(Currently Amended)** A computer-readable storage medium **containing comprising:**
 - first instructions, executable on a first computer system, configured to execute a first command of a first business application, **wherein the first command is represented by a first command block;**
 - second instructions, executable on a second computer system, configured to execute a second command of a second business application, **wherein the second command is represented by a second command block;** and
 - a common data structure defining the first command **block** and the second command **block**, wherein the first command **block** and the second command **block** are inbound to a web server, **and** the **common** data structure **comprising comprises**
 - an execute element having a path attribute indicating a location of an object manager,
 - a command element nested within the execute element and having a value attribute indicating a name of **[[the]] a** command, wherein the command element represents a predefined query, and

one or more argument elements nested within the command element, each argument element having a name attribute indicating a name of an argument for the command, the one or more argument elements being from a set of argument elements comprising an argument element ~~for indicating~~ **configured to indicate** a response markup format, an argument element ~~for indicating~~ **configured to indicate** whether the response should include user interface elements, and an arguments element ~~identifying~~ **configured to identify** a transform to be applied to output.

21. (Cancelled)

22. (Previously Presented) The computer-readable storage medium of claim 20 wherein zero or more occurrences of the command element are nested within the execute element.

23. (Previously Presented) The computer-readable storage medium of claim 20 wherein only one command element is nested within the execute element.

24. **(Currently Amended)** A computer-readable storage medium containing: first instructions, executable on a first computer system, configured to execute a first command of a first business application, **wherein the first command is represented by a first command block;** second instructions, executable on a second computer system, configured to execute a second command of a second business application, **wherein the second command is represented by a second command block;** and a common data structure defining the first command **block** and the second command **block**, wherein the first command **block** and the second command **block** are outbound to a web server, the **common** data structure ~~comprising~~ **comprises**

an application element having a name attribute,
a navigation element nested within the application element, having
a name attribute, and having sub-elements from a set
comprising a menu element, tool bar element, screen bar
element, thread bar element, view bar element, and page
item element,
a predefined query bar element nested within the application
element and each having a name attribute, and
one or more elements from the set of elements comprising a screen
element, an applet element, **an argument element**
configured to indicate whether the response should
include user interface elements, and a form element, the
one or more elements being nested within the application
element and each having a name attribute.

25. (Currently Amended) A method in a server system for providing
information relating to a business application, the method comprising:
receiving a request to ~~execute a command of a business application~~ **cause a**
business application to execute a command, wherein
the command is represented by a command block,
the request comprises an indication of a user interface element to be
returned,
the user interface element is represented by the command block,
the request is received from a client system,
the command **block** is ~~configured to be~~ defined by a data structure
comprising
an execute element,
a command element, and
an argument element,
the command element represents a predefined query, and

the argument element indicates **[[a]] the** user interface element and a data element to be returned as results of execution of the command;
generating the data element by **executing causing the business application to execute** the command, ~~wherein the user interface element and the data element are XML documents;~~
when the argument element indicates to return at least one user interface element, generating the at least one user interface element to be returned; and
sending a first response to the client system, wherein the first response comprises the at least one user interface element and the data element; and
otherwise, sending a second response to the client system, wherein the second response comprises the data element and the second response does not include the user interface element.

26. (Original) The method of claim 25 wherein the request indicates a type of user interface element to return.

27. (Original) The method of claim 25 wherein the request indicates a type of user interface element to not return.

28. (Original) The method of claim 27 wherein the type of user interface element not to return is navigation data.

29. (Previously Presented) The method of claim 25 wherein the request comprises an "SWEDataOnly" argument.

30. (Previously Presented) The method of claim 25 wherein the request comprises an "SWEApplet" argument.

31. (Previously Presented) The method of claim 25 further comprising:
receiving a list of predefined queries in response to the request, wherein
the list of predefined queries comprises the predefined query.